

M. Rao

Re-RUN



#14

1600

RAW SEQUENCE LISTING

DATE: 03/07/2003

PATENT APPLICATION: US/09/596,141C

TIME: 10:46:51

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 3 Oram, John F.
 4 Garvin, Michael
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 7 Transporter Protein ABC1
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223      Leu Leu Tyr Ser Gln Lys Asp Thr Ser Met Lys Asp Met Arg Lys Val
224           115                   120                   125
225      Leu Arg Thr Leu Gln Gln Ile Lys Lys Ser Ser Ser Asn Leu Lys Leu
226           130                   135                   140
227      Gln Asp Phe Leu Val Asp Asn Glu Thr Phe Ser Gly Phe Leu Tyr His
228           145                   150                   155                   160
229      Asn Leu Ser Leu Pro Lys Ser Thr Val Asp Lys Met Leu Arg Ala Asp
230           165                   170                   175
231      Val Ile Leu His Lys Val Phe Leu Gln Gly Tyr Gln Leu His Leu Thr
232           180                   185                   190
233      Ser Leu Cys Asn Gly Ser Lys Ser Glu Glu Met Ile Gln Leu Gly Asp
234           195                   200                   205
235      Gln Glu Val Ser Glu Leu Cys Gly Leu Pro Lys Glu Lys Leu Ala Ala
236           210                   215                   220
237      Ala Glu Arg Val Leu Arg Ser Asn Met Asp Ile Leu Lys Pro Ile Leu
238           225                   230                   235                   240
239      Arg Thr Leu Asn Ser Thr Ser Pro Phe Pro Ser Lys Glu Leu Ala Glu
240           245                   250                   255
241      Ala Thr Lys Thr Leu Leu His Ser Leu Gly Thr Leu Ala Gln Glu Leu

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/596,141C

DATE: 03/07/2003
TIME: 10:46:52

Input Set : N:\vernette\US09596141C.raw
Output Set: N:\CRF4\03072003\I596141C.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 9881,9884,9999,10046
Seq#:4; N Pos. 8,19,69,80,104,142,175,191,220
Seq#:6; N Pos. 2805,2808,2923,2970
Seq#:7; N Pos. 9913,9916,10031,10078
Seq#:9; N Pos. 9913,9916,10031,10078
Seq#:59; N Pos. 3,10

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:59,60,61,62

VERIFICATION SUMMARY

DATE: 03/07/2003

PATENT APPLICATION: **US/09/596,141C**

TIME: 10:46:52

Input Set : **N:\vernette\US09596141C.raw**Output Set: **N:\CRF4\03072003\I596141C.raw**

L:9 M:270 C: Current Application Number differs, Wrong Format
L:192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:9840
M:341 Repeated in SeqNo=1
L:537 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
M:341 Repeated in SeqNo=4
L:646 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:2760
M:341 Repeated in SeqNo=6
L:832 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:9900
M:341 Repeated in SeqNo=7
L:1307 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:9900
M:341 Repeated in SeqNo=9
L:2107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:0